

AN IMPLEMENTATION OF SPATIO-TEMPORAL ANNOTATED CONSTRAINT LOGIC PROGRAMMING (STACLP)

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ABSTRACT

In this paper we present important aspects throughout the implementation of Spatio-Temporal Annotated Constraint Logic Programming (STACLP), in which temporal and spatial data are represented by means of annotations that label atomic first order formulae. The reason to perform the implementation is due to that there is not software available for STACLP. At the same time, we explore the implementation of STACLP to obtain experience and to learn from it. This implementation uses XSB system to verify it as a good alternative of knowledge representation.